C R O S S T A L K

August, 197 Vol 16 No.

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GLOUCESTER COUNTY AMATEUR RADIO CLUB.

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CLUB NETS

6M AREC	Stopped meeting for the Summer
10M Rag Chew	28.8--Fridays, 9:30 PM Local Time
Novice AREC	21.115-Mondays, 8:30 PM Local Time
Friendship	7.265--Every 3rd Sunday of every 3rd month - time and date subject to change with noti

NO AUGUST CLUB MEETING! GCARC CLUB PICNIC AUGUST 3 AT LAKE GARRISON STARING AT 11 AM CHECK JUNE CROSSTALK FOR DETAILS-CU THERE.

DEADLINE FOR SUBMISSIONS FOR THE SEPTEMBER ISSUE IS SUNDAY, AUGUST 18, 1974. PLEASE MAIL ANY CONTRIBUTIONS TO : MARK WILSON, WB2OSQ.

FIELD DAY, 1974

We had a real F.B. turnout for F.D. this year, despite the bad weather, [illegible] time.

On 75 'fone and CW, [illegible] WB2OCR skyhooked(?) 612 QSOs and managed to log them through the coffee [illegible] placed on the operating table to catch the water leaking through the roof of their trailer. They did real well, topping last year's score of 488.

40 meters fared pretty well, garnering 455 points on phone and CW with WB2OSQ, WB2BVV, WA2NPD, WA2FGS, and WA2LDT logging and operating. They had a bad case of the Murphy jitters when someone tried to make it appear that the rig was burning by blowing cigarette smoke through the tent window. Last year, 40 made 316 QSOs.

On 20, WA2OMY, WA2AIH, and WA2NPD did pretty well considering the amount of time the rig was on the air! At the end of the contest, one VOX, two cathode resistors, and a final tube later, they had 272 QSOs. Quite a feat, considering Murphy's doings! Again the score was better than last year's 105 QSOs.

We hear that WB2FIF and his gang on 10 and 15 meters wanted the AREC activated to find Noah's Ark or at least a rowboat so that they could go Maritime Mobile HI HI ! 10 meters got 8 QSOs and 15 got 60 QSOs.

Unfortunatly for the above-mentioned hams, the Gloucester County E.C. of the AREC, WA2SEA was helping WB2BZY, WA2MEM, and WA2TRS make 79 QSOs on 6 meters. This is up two contacts from last year even though conditions were worse. Understand that this group is still looking for another antenna for next year (one that they don't have to add capacitors to!) F.B. job.

WA2AXJ on 160 contacted 7 other F.D. stations and was last seen winding up the longest antenna out there.

WB2DBS on 2 meters seemed glad to have his four wheel drive jeep on Saturday night.

NOTE: May Murphy visit the shack(s) of the person(s) involved in removing the car keys of the F.D. Chairman while the victim slept in his car.

de Rick, WA2OLS-Field Day Chairman

THE EDITOR SPEAKS

As those of you who have been following Crosstalk know, this is my first issue of the paper as editor. I hope that I can do as good a job as Bill, WB2FIF, the other trial editor. I will be editor until next January. At that time, the Board of Directors will decide who will become the permanent editor. May the best man win.

I would like to make it clear right now that I feel that Crosstalk is a club paper. I would like to see more articles than those from my regular contributers. Any articles are appreciated so why not take some time to write an article for your club paper. It doesn't have to be much. An opinion on any topic, an interesting project, or a bit of advice would make interesting reading.

I hope you enjoy my trial period as I hope to.

73, Mark WB2OSQ

CONTEST CORNER

New Jersey QSO Party
August 17-18, 1974

TIMES:	1900Z Aug. 17 to 0600Z Aug. 18 1200Z Aug. 18 to 2300Z Aug. 18
FREQUENCIES:	1810, 3535, 3735, 3905, 7035, 7135, 7265, 14035, 14280, 21100, 21355, 28100, 28600, 50-50.5, 144-146
RULES:	The same station may be worked once on each band and mode. (example: 40 phone, 40 CW, 75 phone, etc.)
EXCHANGE:	Send QSO #, RST, and county- Receive QSO #, RST, and ARRL Section.
SCORING:	W/VE/VO QSOs count 1 point each. DX counts 3 pts. Multiply QSO pts. by number of ARRL sections wrked.
LOGS:	Send logs to the sponsor, Englewood ARA, 303 Tenafly Rd., Englewood, NJ 07631 by Sept. 15th. A check sheet of stns worked and multipliers Notify the contest chairman, Ken, W2FBF, of your score for awards and Crosstalk listing. Be sure to send in your log because interest is measured by the number of logs received.
AWARDS:	Englewood ARA will issue a certificate to the high scorer in each county. CCARC will issue a certificate to any member making over 150 contacts and a prize to the top scorer.

A contest can only be successful if people make it so. The NJ QSO Party will be more successful if YOU participate!

CLUB JACKETS

Anyone interested in ordering a club jacket, please contact Rich, WB2OCR. If at least ten members are interested, an order will be made up.

INTERVIEW WITH A HAM

by Harry McCormick, WA2SEA

I thought it would be appropriate to interview the next editor of Crosstalk who takes over this important job starting with this issue.

The new editor, Mark Wilson, WB2OSQ, of 10 Adams Ave., Pitman, was born in Rochester, NY. on March 23, 1958.

Mark has attended schools in Rochester and Avon NY., Cambridge, Md., Easton, Md., and has just completed his Sophomore year at Pitman High School.

Mark got his start in Amateur Radio through the efforts of Steve Asay, WA2AXJ's tutoring in code and theory, with Bill Frambes Administering the Novice test.

On March 23, 1973, Mark received his Novice license and he got the Advance ticket February 8, 1974.

He can usually be found on the bands nearly every evening and on most weekends. Mark uses a Galaxy GT-550A into dipoles on 80 and 40 meters and a homebrew beam on 15 meters. On six meters Mark runs an SJRA Project X transmitter into a five element beam.

Mark is a member of the ARRL.

In our club this year, Mark took over as chairman of the code class committee, and ran the 40 meter band of Field Day.

He is a member of the RCC and was awarded the GCARC certificate for working fifteen members at the June meeting.

Mark is interested in photography and does his own darkroom work.

I'm sure we all wish him lots of luck in his new job as editor of Crosstalk.

MORE MEMBERSHIP LIST CORRECTIONS

The following are a few more membership list additions and corrections.

Steve Asay's phone number
Larry Bakely, WN2VKG,
Darrell Neron, WB2BVV,

DX

There has been a lot of conjecture about when the new sunspot cycle will commence, some of which is downright discouraging. The following item, taken from CQ Magazine, contains the kind of info I like to hear.

There is an observable pattern on the sun itself that often makes it possible to determine the approach of a new cycle. As a new cycle is about to begin, the first spots will appear on the opposite side of the sun's equator and with magnetic fields of reversed polarity from the spots of the previous cycle.

Earlier this year, scientists at the Kitt Peak National Observatory in Arizona reported seeing the first spots of a new sunspot cycle, with their powerful telescope. However, the actual date on which the present cycle will end and the new one begins will depend upon when the number of spots from the new cycle will equal the number of spots remaining from the present cycle. Judging from the distribution of the spots on the sun's face, and their movements, this date is at least a year away and probably won't occure before the fall of 1975. Fortunatly, the new cycle is on its way and it will be an eventual improvement over the present H.F. propagation conditions.

MOUNT ATHOS-Scheduled DXpedition by OH2BH around August 18. Call for this operation will be SV1GA/A. (from LIDXA)

de Shorty, W2SUA

FCC NEWS [illegible]

The FCC has issued a Notice of Proposed Rule Making, Docket 20092, proposing sweeping changes in the regulations on availability of call signs. Under the proposed rules, an Extra Class licensee would be eligible for any specific unassigned call sign in the available blocks upon payment of the special call sign fee. There would be no limit to the number of such calls an individual could hold, except that only one two-letter call would be assigned. The 25 year requirement for a two letter call would be dropped, and in memoriam club calls would no longer be available.

Citing the fact that many amateurs request specific call signs, the FCC stated that it would need more clerical help. Then, too, they need more manpower to resolve conflicts by those desiring the same call.

They feel that the Amateur Extra Class deserves first consideration in this matter.

Interested persons may file reply comments on or before Oct. 24, 1974. The original and 14 (?) copies are necessary.

Address: Federal Communications Commission
Washington, D.C., 20554

LES BELLES

Now for the conclusion of the Eila Rullell Story (WA8EBS) beginning in July Crosstalk.

FIFTY-YEARS--BUT IT WAS WORTH IT

With nothing more pressing to do, I sat and studied that code and an idea was percolating through my cranium. "If I'm going to these radio meetings, I'm going for radio, not cutting paper doilies." When I got home that night I checked thru Jim's electronic library, but couldn't find any trace of the code in print. So, I wrote it out myself and thought I'd memorize it, but all of a sudden I thought, "Gee, if I haven't remembered it right now and learn it wrong I'll be in a fix." So, I showed my page to Jim and asked if it was correct. He said, "What? Don't tell me: Are you interested in radio? After all these years? Boy, oh boy::: Yes this is O.K. What are you planning to do? I answered, "I thought if I am going to radio meetings I might as well join 'em." He got on the net that night and announced my intentions and the die was cast. I had to become a ham, so I studied and practiced code and got on the air. Since I had learned a little code a long time ago and had studied Physics in school I got my Novice License in three weeks, and my Tech ticket in 5 months. But the 13 WPM in code really took some doing. I worked hard at it for two years and a bet by the OM of a KWM02 if I made it really clinched the deal, and I passed the General. I cost him a wad this time, all right, but he was as tickled as I. and after the inspiration of the Denver YLRL Convention, I got my Advanced. In Sept., 1962 I attended An ARRL Convention here in Cleveland where I joined the Chix-on-Six and the Buckeye Belles, at the very first meeting at Carol s-W8WRJ-I took the job as Secty-probably because no one else wanted it - Eva Karnatz, WA8AHU had been Secty. The next year Shirley Rex, K8MZT and I discovered each other. She was the originator of the Chix-on-Six and of the Buckeye Belles and had become involved in YLRL, attending the convention observing their 21st year, which was sponsored in Massachusetts by the WRONES (Women's Radio Operators of New England States). She was elected Treas. of YLRL

which at that time was a terrific responsibility, for it was both Receiving and Disbursing Treasurer's jobs combined. Shirley was organizing all the Buckeye Belles throughout the state of Ohio as hostess' for YLRL's Silver Anniversary celebration in Columbus and visited the Cleveland group on one of the worst cold, snowy days in February at K8ONA, Eunice's Club 21. I walked over after closing our office that evening and joined Eunice and Shirley for a steak dinner, getting acquainted and planning between bites. The Buckeye Belles drove in from Painesville, Amherst, Lorain, Seville and all points between, regardless of the weather, and after Shirley outlined all she hoped we would do for the great 25th YLRL convention, our hostess really fed all the girls royally with ham and cheese sandwiches, a party tray, coffee galore and a giant Buckeye Belle chocolate cake. She wanted to be sure they'd not be hungry anyway enen if they were snowbound and stranded for hours on the return trip. I guess everyone made it safely, however, and in those days everybody had 6 mtr. communications in their cars if they were hams.

That was my introduction to YLRL eleven years ago. It really took, for I've attended all the conventions since and some Midwest ones to boot. I have ten years on my YLRL continous membership certificate and am still adding to it. Since our retirement, I have been joining the YLRL nets and I'm just finding out how much fun I had been missing. The girls are always friendly and really wonderful, ready and willing to help in any situation, and no matter where a member goes, even overseas, she will find a welcome from a friendly YLRL ham.

I have brought our Buckeye Belles' Affiliation Certificate from YLRL today and the traveling convention kit with the banner on it which was made up by our own Buckeye Belle--Marge, K8ITF. In it I have information sheets and application forms for those who wish the joy of belonging to YLRL. Just try it, you'll love it, I know. I have been fifty years reaching this point, and it's worth it.

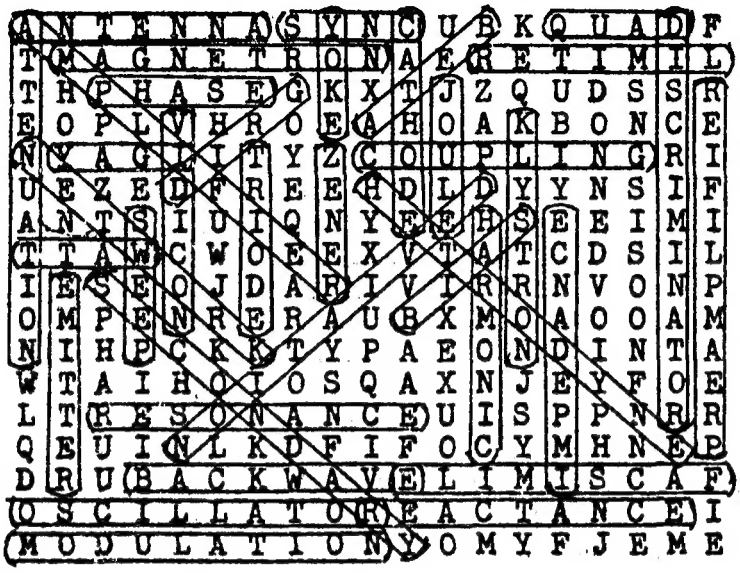
The above story was written by Eila-WA8EBS and has been printed in the BUCKEYE BURR publication of the Bekles as well as in WORLDRADIO and other radio publications.

Eila Russell-WA8EBS is currently the President of the YLRL.

73's-Rose Ellen-WA2FGS

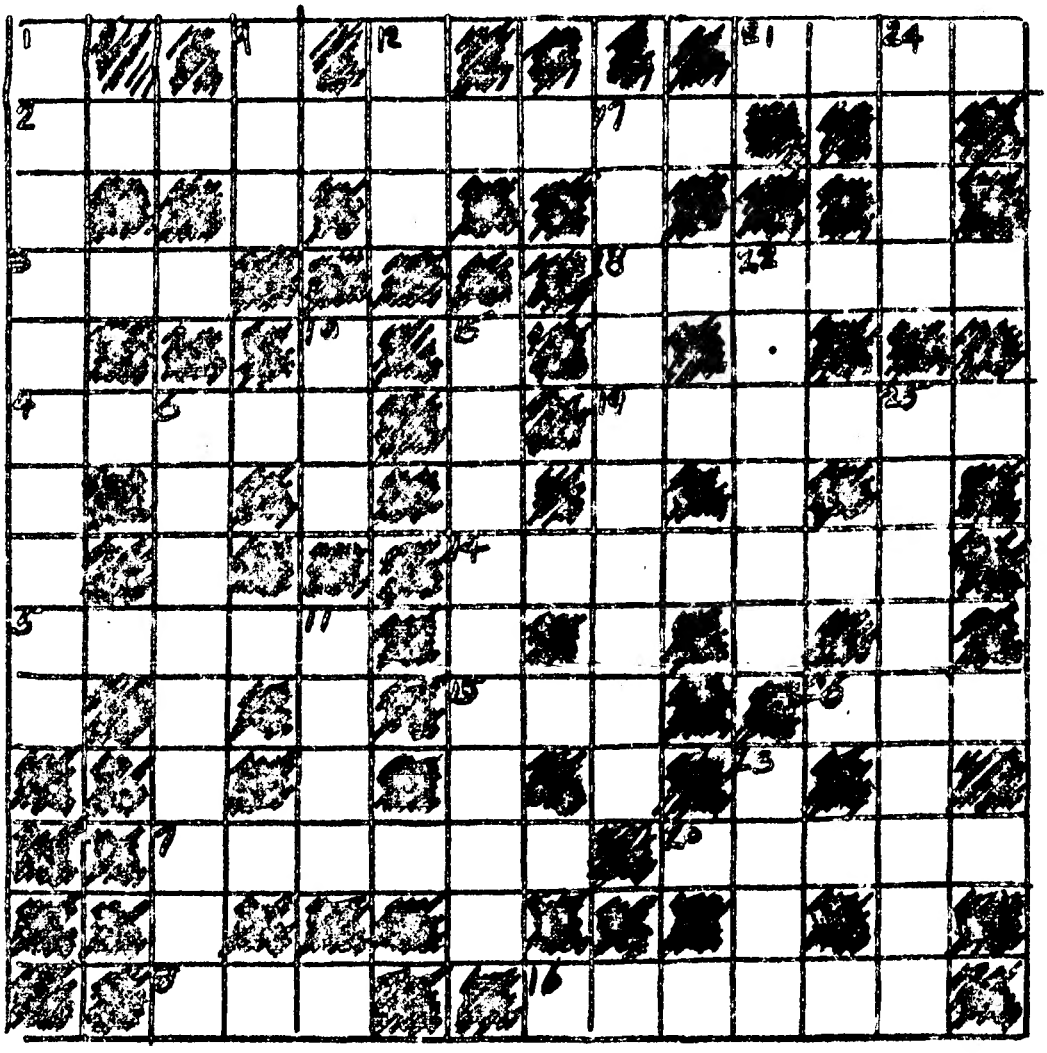
WHAT'S UP. DOAK????

Following are the answers to last month's puzzle, There are 38 ham and electronics related words circled. Did you find them all?



ATTENUATION
ANTENNA
SYNC
YOKE
MAGNETRON
PHASE
OHM
YAGI
NETWORK
QUAD
BETA
LIMITER
DISCRIMINATOR
PREAMPLIFIER
COUPLING
JOULE
KLYSTRON
GRID
VIDICON
TRIODE
AMPLIFIER
ZENER
WATT
SWEEP
HETRODYNE
IMPEDANCE
HARMONIC
CATHODE
SECONDARY
EMITTER
DEVIATION
BIAS
RESONANCE
BACKWAVE
FASCIMILE
OSCILLATOR
REACTANCE
MODULATION

Typist's note: Did anyone find "Ohm" ?



ACROSS

2. A loss in transformers due to the changing of the magnetic field causing an inertia against the current.

3. Unit of measurement of current

4. Type of chart used to calculate R&jX of antenna systems

5. Type of filter found in some oscillators

6. Capacitor sometimes found in oscillators

8. Cathode ray tube (abbrev.)

14. Common type of police receiver.

15. Old Timers club (abbrev.)

16. Name of circuit that uses four components or networks usuall connected in a diamond shape.

18. Name of one of the diodes found in the high voltage suply of TVs.

19. What is used instead of LC tuned circuits at UHF and above.

20. Device that is used with a VOM or VTVM when measuring in special circuits (RF, HV, LV. etc.)

21. The equivalent of the base of a bipolar transistor or the grid of a tube on a FET.

22. Transistor-transistor logic (abbrev.)

DOWN

1. Type of bridge circuit which can measure resistance with better than 1% accuracy

4. Name of the imaginery radiator that radiates in all directions equally, used as a comparison for the gains of various antennas.

9. Video tape recorder (abbrev.)

10. The frequency range of 30 MHz to 300 MHz.

11. The component of a recorder which imprints the information on the tape.

12. Effective radiated power (abbrev.)

13. Network found in speaker systems that prevents the bass from going to the tweeter and vice-versa.

17. This would cause a phase difference between voltage and current in a circuit if the voltage led the current.